

Amendments to the Specification:

Please replace the paragraph beginning at page 7, line 3, with the following rewritten paragraph:

--The present invention provides an optical data storage device, comprising a nanostructured material having colloidal core particles embedded in at least one shell material with the colloidal core particles forming an array throughout the shell material, the at least one shell material forming a continuous phase in which the colloidal core particles are embedded. The colloidal core particles include first light sensitive molecules incorporated therein with an absorption maximum at a first wavelength λ_1 , and a region of the at least one shell material in close proximity to each colloidal particle including at least second light sensitive molecules incorporated with an absorption maximum at a second wavelength λ_2 different from the first wavelength.—

Please replace the paragraph beginning at page 7, line 22, with the following rewritten paragraph:

-- The present invention provides a method of storing information in an optical data storage device comprised of nanostructured polymer-based material comprised of an array of colloidal core-shell particles with colloidal cores containing one dye and at least one shell around each colloidal core containing at least a second dye, the at least one shell forms a continuous phase in which the colloidal core particles are embedded, the method including the steps of

selective photon photobleaching of at least one of the two dyes in a pre-selected region of the array.--